FS 2.60/9: 11/11

# Morbidity and Mortality Weekly Report

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

*Prepared by the* COMMUNICABLE DISEASE CENTER MElrose 4-5131

For release March 23, 1962 ATLANTA 22, GEORGIA Vol. 11, No. 11

## PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MARCH 17, 1962

**INFLUENZA** – Small outbreaks of influenza-like disease have been reported from Maine. They undoubtedly represent the delayed extension of Influenza B into the northern part of the State. A recent report from Puerto Rico indicates that outbreaks of Influenza B occurred there this season.

New confirmations of Influenza B have been reported from Arkansas and Kentucky. The total number of States confirming Influenza B this season is 38.

Six hundred and twenty-eight pneumonia and influenza deaths were reported by the 108 cities during the week ending March 17 – an increase of 28 deaths over the preceding week. The rise was due mainly to increases above epidemic thresholds in the New England and East North Central States.

**HEPATITIS** – A total of 1,219 cases of viral hepatitis were reported for the week ending March 17, 1962. This continues the decline noted during the last four weeks.

**POLIOMYELITIS** – The two paralytic cases reported this week are from Louisiana and Ohio. Both patients are pre-school age children with onsets in late February.

The Ohio patient had received two doses of inactivated polio vaccine during 1960, Type I oral polio vaccine in October 1961, and Type II in mid-February 1962. Type III poliovirus has been isolated from a stool specimen.

(Credit for this report is due State Epidemiologists and State Laboratories.)

UNIVERSITY OF FLORIDA LIBRARIES APR 1962

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Cumulative totals include revised and delayed reports through previous week)

| Disease | 11th Week | | | Cumulative | | |
|---|---|---|---|---|---|---|
| | | | | First 11 weeks | | |
| | Ended March 17, 1962 | Ended March 18, 1961 | Median 1957 - 1961 | 1962 | 1961 | Median 1957 - 1961 |
| Aseptic meningitis | 17 | 31 | --- | 178 | 248 | --- |
| Brucellosis | 4 | 14 | 14 | 62 | 104 | 139 |
| Diphtheria | 13 | 12 | 10 | 123 | 186 | 200 |
| Encephalitis, infectious | 18 | 37 | 24 | 269 | 268 | 255 |
| Hepatitis, infectious and serum | 1,219 | 1,900 | 617 | 15,524 | 19,251 | 6,140 |
| Measles | 17,654 | 13,733 | 17,106 | 129,899 | 121,126 | 136,793 |
| Meningococcal infections | 51 | 44 | 50 | 562 | 543 | 613 |
| Poliomyelitis, total | 2 | 11 | 11 | 70 | 91 | 188 |
| Paralytic | 2 | 9 | 9 | 43 | 52 | 135 |
| Nonparalytic | - | 2 | 2 | 10 | 21 | 30 |
| Unspecified | - | - | - | 17 | 18 | 23 |
| Streptococcal sore throat and Scarlet fever | 9,665 | 10,025 | --- | 96,640 | 105,999 | --- |
| Tetanus | 2 | --- | --- | 24 | --- | --- |
| Tularemia | 4 | --- | --- | 54 | --- | --- |
| Typhoid fever | 11 | 10 | 15 | 91 | 93 | 111 |
| Typhus fever, tick-borne, (Rocky Mountain spotted) | - | --- | --- | 3 | --- | --- |
| Rabies in Animals | 130 | 65 | 106 | 798 | 683 | 914 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

Anthrax:
Botulism:
Malaria: Conn. - 1
Plague:
Psittacosis: Wis. - 1, Minn. - 1, Calif. - 1
Rabies in Man:
Smallpox:
Typhus, murine:

## SUMMARY OF REPORTED CASES OF INFECTIOUS SYPHILIS

### February 1961 and February 1962

The table below presents reported cases of Primary and Secondary Syphilis for February 1961 and 1962 and cumulative totals for the two years.

Primary and Secondary Syphilis cases increased steadily each year from the 6,576 cases reported in 1957 to the 19,850 cases reported in 1961. It appears now that a leveling off of cases has occurred, and if the present level continues, approximately the same number of cases will be reported in 1962 as in 1961.

CASES OF PRIMARY AND SECONDARY SYPHILIS: By Reporting Area for February 1962 and for February 1961 -- Proviaional Data

| Reporting Area | February | | Cumulative | | Reporting Area | February | | Cumulative | |
|---|---|---|---|---|---|---|---|---|---|
| | 1962 | 1961 | 1962 | 1961 | | 1962 | 1961 | 1962 | 1961 |
| NEW ENGLAND | 50 | 46 | 115 | 92 | EAST SOUTH CENTRAL | 113 | 106 | 190 | 212 |
| Maine | 0 | 0 | 3 | 0 | Kentucky | 12 | 14 | 23 | 28 |
| New Hampshire | 2 | 1 | 2 | 2 | Tennessee | 31 | 45 | 53 | 90 |
| Vermont | 0 | 1 | 0 | 2 | Alabama | 59 | 36 | 99 | 72 |
| Massachusetts | 26 | 32 | 69 | 64 | Mississippi | 11 | 11 | 15 | 22 |
| Rhode Island | 1 | 2 | 5 | 4 | | | | | |
| Connecticut | 21 | 10 | 36 | 20 | WEST SOUTH CENTRAL | 206 | 256 | 435 | 512 |
| | | | | | Arkansas | 7 | 26 | 18 | 52 |
| MIDDLE ATLANTIC | 411 | 486 | 905 | 972 | Louisiana | 94 | 111 | 192 | 222 |
| Upstate New York | 61 | 44 | 101 | 88 | Oklahoma | 4 | 6 | 12 | 12 |
| New York City | 196 | 309 | 470 | 618 | Texas | 101 | 113 | 213 | 226 |
| Pa. (Excl. Phila.) | 10 | 13 | 24 | 26 | | | | | |
| Philadelphia | 60 | 42 | 122 | 84 | MOUNTAIN | 28 | 21 | 59 | 42 |
| New Jersey | 84 | 78 | 188 | 156 | Montana | 0 | 0 | 0 | 0 |
| | | | | | Idaho | 0 | 2 | 1 | 4 |
| EAST NORTH CENTRAL | 141 | 137 | 280 | 274 | Wyoming | 0 | 0 | 0 | 0 |
| Ohio | 22 | 14 | 35 | 28 | Colorado | 6 | 2 | 8 | 4 |
| Indiana | 1 | 6 | 13 | 12 | New Mexico | 2 | 3 | 12 | 6 |
| Oownstate Illinois | 14 | 11 | 32 | 22 | Arizona | 18 | 14 | 31 | 28 |
| Chicago | 79 | 72 | 138 | 144 | Utah | 1 | 0 | 2 | 0 |
| Michigan | 20 | 26 | 48 | 52 | Nevada | 1 | 0 | 5 | 0 |
| Wisconsin | 5 | 8 | 14 | 16 | | | | | |
| | | | | | PACIFIC | 134 | 161 | 289 | 322 |
| WEST NORTH CENTRAL | 26 | 30 | 59 | 60 | Washington | 1 | 11 | 6 | 22 |
| Minnesota | 3 | 10 | 9 | 20 | Oregon | 4 | 4 | 8 | 8 |
| Iowa | 0 | 1 | 2 | 2 | California | 125 | 146 | 271 | 292 |
| Missouri | 11 | 13 | 22 | 26 | Alaska | 2 | 0 | 2 | 0 |
| North Oakota | 1 | 1 | 1 | 2 | Hawaii | 2 | 0 | 2 | 0 |
| South Oakota | 4 | 1 | 10 | 2 | | | | | |
| Nebraska | 1 | 1 | 3 | 2 | U. S. TOTAL | 1,633 | 1,640 | 3,299 | 3,280 |
| Kansas | 6 | 3 | 12 | 6 | | | | | |
| | | | | | TERRITORIES | 34 | 27 | 75 | 54 |
| SOUTH ATLANTIC | 524 | 397 | 967 | 794 | Puerto Rico | 31 | 26 | 69 | 52 |
| Oelaware | 2 | 1 | 11 | 2 | Virgin Islands | 3 | 1 | 6 | 2 |
| Maryland | 46 | 46 | 107 | 92 | | | | | |
| Oistrict of Columbia | 59 | 40 | 120 | 80 | | | | | |
| Virginia | 28 | 36 | 72 | 72 | | | | | |
| West Virginia | 4 | 2 | 9 | 4 | | | | | |
| North Carolina | 86 | 40 | 141 | 80 | | | | | |
| South Carolina | 54 | 51 | 108 | 102 | | | | | |
| Georgia | 83 | 93 | 142 | 186 | | | | | |
| Florida | 162 | 88 | 257 | 176 | | | | | |

Note: Monthly figures for 1961 are estimated from quarterly reports.
Cumulative Totals include revised and delayed reports through previous months.

## EPIDEMIOLOGICAL REPORT

### Diphtheria – Alaska

An outbreak of diphtheria, extending over a period of 14 months and occurring primarily among adults, has been reported from Ketchikan, Alaska. Cases and carriers with one exception were all closely associated with three of the local bars. These represent the first cases of diphtheria reported in Ketchikan for 17 years; all have been mild and responded rapidly to treatment.

The first case occurred in a 13-year-old white male early in December of 1960. After a sore throat of 10 days' duration, he was hospitalized; a throat culture was positive of toxigenic *C. diphtheriae*. He had not received diphtheria immunizations. Cultures of all contacts were negative. The patient's parents owned and operated a bar, (Bar A), in Ketchikan, but lived 6 miles south of the town.

The second case occurred in a 30-year-old white male bartender at Bar B, who became ill with a severe sore throat in February 1961. After a week of self-imposed rest, he was seen by a physician who treated him and obtained a throat culture. After several days, the patient improved and left to join a lumber crew in an outlying camp. Subsequently, his throat culture was found to be positive for toxigenic *C. diphtheriae*. The public health nurse flew to the camp to immunize the remainder of the crew and returned him to the hospital where repeat cultures were positive.

The third patient, a 30-year-old white housewife, became ill on June 22, 1961. A throat culture taken the following day was confirmed as toxigenic *C. diphtheriae*. This patient had had no contact with bars nor had her husband. No other probable contact was found, and cultures of family and neighborhood contacts were negative.

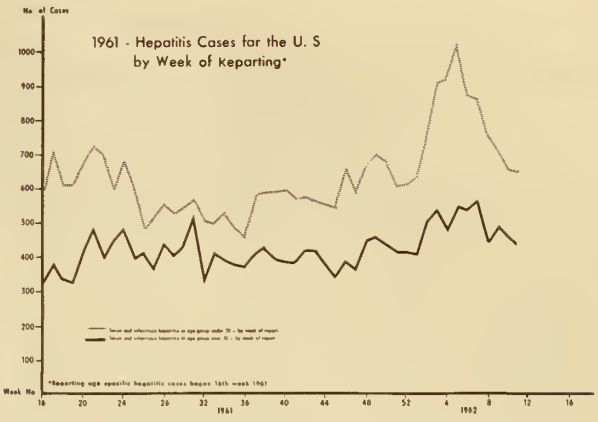
The fourth patient was a 50-year-old white woman, who with her husband, owns and operates Bar C. She developed symptoms of diphtheria on January 11, 1962. A culture taken on January 18 was positive for toxigenic *C. diphtheriae mitis*.

None of the four patients described had ever had diphtheria immunizations. Only the fourth case gave any history of direct exposure to a person with symptoms compatible with diphtheria. This patient had been frequently exposed to a 45-year-old patron of Bar C, who had been nursing a sore throat since November 1961, but whose culture was not confirmed as toxigenic *C. diphtheriae*. It is of interest, however, that a 31-year-old bartender at Bar C during this period had previously worked at Bar B with case No. 2, at the time the latter developed diphtheria in February 1961. Repeated throat cultures of this bartender and his contacts were, however, all negative.

*(Continued on page 88)*

**HEPATITIS** – Since April 1961, the number of hepatitis cases among those under 20 years of age and for those 20 years and over has been reported weekly by most States. Reported cases by week for these age groups is depicted in the accompanying graph. The number of cases for those under 20 shows a wide seasonal variation with a low in late summer and a peak in early January. Cases among those 20 years of age and over generally fluctuate within a relatively narrow range.

Although the hepatitis case curve for adults reflects to some degree fluctuations in the case curve for those under 20, the correspondence is not striking. It would seem that, if the child-to-adult route of transmission is primary in the occurrence of adult cases, a more evident parallel between the two curves would be expected. More detailed epidemiologic data regarding adult hepatitis cases is clearly needed.

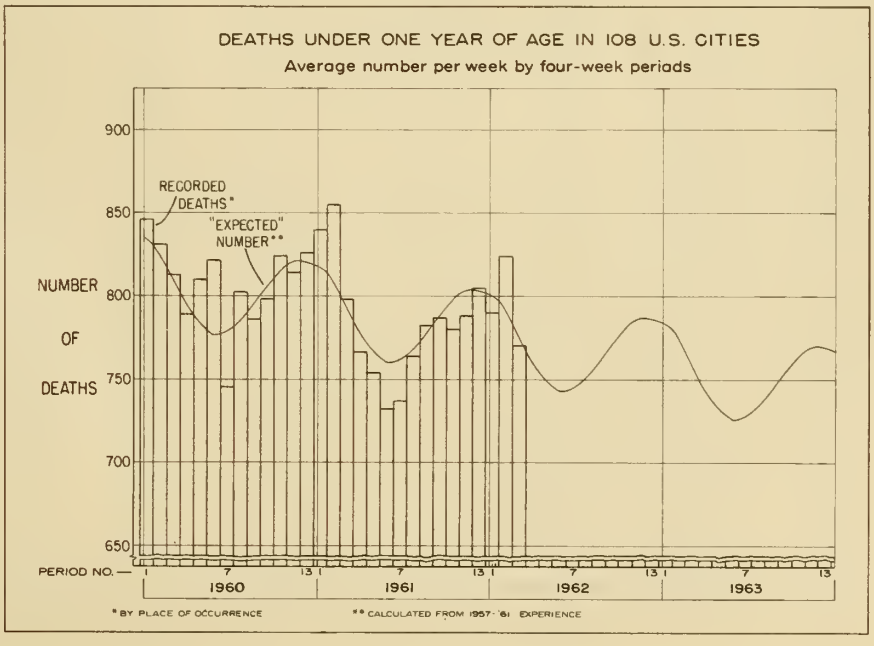



## INFANT DEATHS IN 108 UNITED STATES CITIES

During the four-week period ending March 17th the number of deaths among infants under one year of age decreased to the expected level. The average number per week was 770.0 in comparison to an expected number of 774.5. However, there was marked variation within the period – an increase of 118 deaths (17 percent) from the first to the second week of the period with a decline to normal at the end of the period.

Total Deaths Under One Year of Age Recorded in 108 Cities

| | WEEK ENDING | | | | 4-Week Total | Weekly Average |
|---|---|---|---|---|---|---|
| | 2/24 | 3/3 | 3/10 | 3/17 | | |
| Observed | 692 | 810 | 808 | 770 | 3,080 | 770.0 |
| Expected | 781 | 777 | 773 | 767 | 3,098 | 774.5 |
| Excess | -89 | 33 | 35 | 3 | -18 | -4.5 |




*(See Table, page 87)*

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES FOR WEEKS ENDED

MARCH 18, 1961 AND MARCH 17, 1962

| Area | Poliomyelitis, Total Cases | | | | Poliomyelitis, Paralytic | | | | Poliomyelitis, nonparalytic | | Aseptic Meningitis | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11th week | | Cumulative First 11 weeks | | 11th week | | Cumulative First 11 weeks | | 11th week | | 11th week | |
| | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 | 1962 | 1961 |
| UNITED STATES | 2 | 11 | 70 | 91 | 2 | 9 | 43 | 52 | - | 2 | 17 | 31 |
| NEW ENGLAND | - | - | - | 2 | - | - | - | 2 | - | - | - | - |
| Maine | - | - | - | - | - | - | - | - | - | - | - | - |
| New Hampshire | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont | - | - | - | - | - | - | - | - | - | - | - | - |
| Massachusetts | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Rhode Island | - | - | - | - | - | - | - | - | - | - | - | - |
| Connecticut | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| MIDDLE ATLANTIC | - | 1 | 28 | 5 | - | 1 | 15 | 4 | - | - | 2 | 6 |
| New York | - | - | 28 | 3 | - | - | 15 | 2 | - | - | - | - |
| New Jersey | - | 1 | - | 2 | - | 1 | - | 2 | - | - | - | 6 |
| Pennsylvania | - | - | - | - | - | - | - | - | - | - | 2 | - |
| EAST NORTH CENTRAL | 1 | 1 | 7 | 14 | 1 | - | 5 | 8 | - | 1 | 1 | 1 |
| Ohio | 1 | - | 4 | 7 | 1 | - | 4 | 3 | - | - | - | - |
| Indiana | - | - | 2 | 1 | - | - | 1 | 1 | - | - | - | - |
| Illinois | - | - | 1 | 2 | - | - | - | 2 | - | - | - | 1 |
| Michigan | - | - | - | 1 | - | - | - | 1 | - | - | 1 | - |
| Wisconsin | - | 1 | - | 3 | - | - | - | 1 | - | 1 | - | - |
| WEST NORTH CENTRAL | - | 1 | 4 | 2 | - | 1 | - | 2 | - | - | - | 2 |
| Minnesota | - | - | - | 1 | - | - | - | 1 | - | - | - | 1 |
| Iowa | - | - | 2 | - | - | - | - | - | - | - | - | 1 |
| Missouri | - | - | 2 | - | - | - | - | - | - | - | - | - |
| North Dakota | - | - | - | - | - | - | - | - | - | - | - | - |
| South Dakota | - | - | - | - | - | - | - | - | - | - | - | - |
| Nebraska | - | 1 | - | 1 | - | 1 | - | 1 | - | - | - | - |
| Kansas | - | - | - | - | - | - | - | - | - | - | - | - |
| SOUTH ATLANTIC | - | - | 5 | 9 | - | - | 5 | 6 | - | - | 3 | 1 |
| Delaware | - | - | - | 1 | - | - | - | 1 | - | - | - | - |
| Maryland | - | - | - | - | - | - | - | - | - | - | - | - |
| District of Columbia | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Virginia | - | - | 1 | - | - | - | 1 | - | - | - | - | 1 |
| West Virginia | - | - | - | 2 | - | - | - | 1 | - | - | - | - |
| North Carolina | - | - | 1 | 3 | - | - | 1 | 2 | - | - | - | - |
| South Carolina | - | - | 1 | - | - | - | 1 | - | - | - | - | - |
| Georgia | - | - | 1 | 1 | - | - | 1 | 1 | - | - | - | - |
| Florida | - | - | 1 | 2 | - | - | 1 | 1 | - | - | 2 | - |
| EAST SOUTH CENTRAL | - | 1 | 3 | 12 | - | 1 | 2 | 1 | - | - | 1 | 9 |
| Kentucky | - | 1 | - | 12 | - | 1 | - | 1 | - | - | - | 3 |
| Tennessee | - | - | 1 | - | - | - | - | - | - | - | - | 3 |
| Alabama | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Mississippi | - | - | 2 | - | - | - | 2 | - | - | - | 1 | 2 |
| WEST SOUTH CENTRAL | 1 | 2 | 11 | 11 | 1 | 1 | 9 | 5 | - | 1 | 1 | 3 |
| Arkansas | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Louisiana | 1 | - | 4 | 3 | 1 | - | 4 | 2 | - | - | - | - |
| Oklahoma | - | - | - | - | - | - | - | - | - | - | - | - |
| Texas | - | 2 | 7 | 7 | - | 1 | 5 | 3 | - | 1 | 1 | 3 |
| MOUNTAIN | - | 2 | 6 | 15 | - | 2 | 3 | 9 | - | - | 2 | 2 |
| Montana | - | - | 2 | 1 | - | - | 1 | 1 | - | - | - | - |
| Idaho | - | 1 | - | 3 | - | 1 | - | 1 | - | - | - | - |
| Wyoming | - | - | - | - | - | - | - | - | - | - | - | - |
| Colorado | - | - | - | 3 | - | - | - | 3 | - | - | 2 | 2 |
| New Mexico | - | - | 1 | 1 | - | - | - | - | - | - | - | - |
| Arizona | - | - | 2 | 2 | - | - | 2 | 1 | - | - | - | - |
| Utah | - | 1 | 1 | 5 | - | 1 | - | 3 | - | - | - | - |
| Nevada | - | - | - | - | - | - | - | - | - | - | - | - |
| PACIFIC | - | 3 | 6 | 21 | - | 3 | 4 | 15 | - | - | 7 | 7 |
| Washington | - | - | - | - | - | - | - | - | - | - | - | 1 |
| Oregon | - | - | - | 2 | - | - | - | 1 | - | - | - | - |
| California | - | 3 | 5 | 18 | - | 3 | 3 | 13 | - | - | 7 | 6 |
| Alaska | - | - | - | - | - | - | - | - | - | - | - | - |
| Hawaii | - | - | 1 | 1 | - | - | 1 | 1 | - | - | - | - |
| Puerto Rico | - | - | - | 1 | - | - | - | 1 | - | - | 4 | - |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
MARCH 18, 1961 AND MARCH 17, 1962 - (Continued)

| Area | Brucellosis | | Diphtheria | | Encephalitis, Infectious | | Hepatitis, infectious and serum | | | | Measles | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | 11th week | | | | | |
| | 11th week | Cumulative 11 weeks | 11th week | Cumulative 11 weeks | 11th week | | Under 20 yr. | 20 & over | Total | Total | 11th week | |
| | 1962 | 1962 | 1962 | 1962 | 1962 | 1961 | 1962 | 1962 | 1962 | 1961 | 1962 | 1961 |
| UNITED STATES | 4 | 62 | 13 | 123 | 18 | 37 | 687 | 461 | 1,219 | 1,900 | 17,654 | 13,733 |
| NEW ENGLAND | - | - | - | - | - | 2 | 38 | 32 | 72 | 43 | 1,975 | 1,236 |
| Maine | - | - | - | - | - | 1 | 13 | 6 | 19 | 2 | 262 | 10 |
| New Hampshire | - | - | - | - | - | - | 5 | 9 | 15 | 4 | 49 | 55 |
| Vermont | - | - | - | - | - | - | 5 | 1 | 6 | 3 | 22 | 17 |
| Massachusetts | - | - | - | - | - | - | 11 | 13 | 24 | 13 | 1,027 | 587 |
| Rhode Island | - | - | - | - | - | - | - | - | - | 10 | 144 | 384 |
| Connecticut | - | - | - | - | - | 1 | 4 | 3 | 8 | 11 | 471 | 183 |
| MIDDLE ATLANTIC | - | 1 | 1 | 1 | 9 | 8 | 70 | 77 | 147 | 313 | 3,130 | 2,879 |
| New York | - | - | 1 | 1 | 3 | 6 | 27 | 37 | 64 | 111 | 1,840 | 1,286 |
| New Jersey | - | - | - | - | - | 1 | 16 | 21 | 37 | 105 | 919 | 520 |
| Pennsylvania | - | 1 | - | - | 6 | 1 | 27 | 19 | 46 | 97 | 371 | 1,073 |
| EAST NORTH CENTRAL | 1 | 19 | - | 2 | 1 | 2 | 185 | 96 | 285 | 322 | 1,545 | 3,543 |
| Ohio | - | - | - | - | - | 2 | 59 | 27 | 88 | 107 | 207 | 762 |
| Indiana | - | 1 | - | 1 | - | - | 17 | 6 | 23 | 73 | 269 | 182 |
| Illinois | 1 | 16 | - | - | 1 | - | 33 | 15 | 49 | 52 | 438 | 456 |
| Michigan | - | - | - | 1 | - | - | 74 | 45 | 119 | 72 | 479 | 758 |
| Wisconsin | - | 2 | - | - | - | - | 2 | 3 | 6 | 18 | 152 | 1,385 |
| WEST NORTH CENTRAL | 1 | 28 | 4 | 20 | 1 | - | 46 | 33 | 90 | 163 | 960 | 519 |
| Minnesota | - | 3 | 3 | 6 | - | - | 19 | 9 | 34 | 57 | 18 | 6 |
| Iowa | 1 | 16 | - | 1 | - | - | 10 | 12 | 25 | 40 | 676 | 154 |
| Missouri | - | 1 | - | - | - | - | 9 | 5 | 16 | 23 | 129 | 229 |
| North Dakota | - | - | - | - | - | - | 1 | 2 | 3 | 3 | 88 | 104 |
| South Dakota | - | 1 | - | 3 | - | - | - | 1 | 1 | 2 | 47 | - |
| Nebraska | - | 3 | 1 | 9 | - | - | 1 | - | 1 | 26 | 2 | 26 |
| Kansas | - | 4 | - | 1 | 1 | - | 6 | 4 | 10 | 12 | NN | NN |
| SOUTH ATLANTIC | - | 5 | - | 23 | 1 | 7 | 88 | 46 | 137 | 259 | 1,249 | 1,613 |
| Delaware | - | - | - | - | - | - | - | - | - | 1 | 8 | 99 |
| Maryland | - | - | - | - | - | - | 17 | 11 | 28 | 28 | 142 | 110 |
| District of Columbia | - | - | - | 1 | - | - | 1 | 2 | 3 | 4 | 48 | 6 |
| Virginia | - | 1 | - | 4 | - | 2 | 14 | 11 | 26 | 33 | 445 | 404 |
| West Virginia | - | - | - | - | - | 1 | 9 | 2 | 12 | 42 | 298 | 214 |
| North Carolina | - | 2 | - | 3 | - | 1 | 26 | 9 | 35 | 80 | 14 | 319 |
| South Carolina | - | - | - | 2 | 1 | - | 3 | 1 | 4 | 6 | 29 | 126 |
| Georgia | - | 1 | - | 4 | - | - | 7 | - | 7 | 43 | 10 | 12 |
| Florida | - | 1 | - | 9 | - | 3 | 11 | 10 | 22 | 22 | 255 | 323 |
| EAST SOUTH CENTRAL | 1 | 3 | 3 | 8 | 1 | 1 | 100 | 41 | 145 | 320 | 1,973 | 875 |
| Kentucky | - | - | - | - | - | - | 40 | 12 | 56 | 107 | 529 | 364 |
| Tennessee | - | 2 | 1 | 4 | - | - | 33 | 16 | 49 | 127 | 1,235 | 441 |
| Alabama | 1 | 1 | 2 | 3 | - | - | 14 | 11 | 25 | 46 | 57 | 19 |
| Mississippi | - | - | - | 1 | 1 | 1 | 13 | 2 | 15 | 40 | 152 | 51 |
| WEST SOUTH CENTRAL | - | 3 | 3 | 53 | 1 | 1 | 68 | 34 | 107 | 138 | 3,337 | 695 |
| Arkansas | - | - | - | 1 | 1 | - | 12 | 5 | 17 | 25 | 37 | 190 |
| Louisiana | - | - | 1 | 7 | - | - | 15 | 2 | 17 | 17 | 38 | 4 |
| Oklahoma | - | - | 1 | 3 | - | - | 4 | 4 | 10 | 8 | 97 | 1 |
| Texas | - | 3 | 1 | 42 | - | 1 | 37 | 23 | 63 | 88 | 3,165 | 500 |
| MOUNTAIN | 1 | 1 | - | 7 | - | 1 | 8 | 8 | 46 | 179 | 577 | 702 |
| Montana | - | - | - | 6 | - | - | - | - | - | 10 | 163 | 75 |
| Idaho | - | - | - | - | - | - | - | - | 7 | 13 | 21 | 47 |
| Wyoming | - | - | - | - | - | - | - | 1 | 1 | 23 | - | 7 |
| Colorado | - | - | - | - | - | - | 2 | 4 | 15 | 61 | 234 | 87 |
| New Mexico | - | - | - | 1 | - | - | 2 | - | 2 | 12 | NN | NN |
| Arizona | - | - | - | - | - | 1 | - | - | 12 | 22 | 86 | 435 |
| Utah | 1 | 1 | - | - | - | - | 4 | 3 | 7 | 31 | 73 | 45 |
| Nevada | - | - | - | - | - | - | - | - | 2 | 7 | - | 6 |
| PACIFIC | - | 2 | 2 | 9 | 4 | 15 | 84 | 94 | 190 | 163 | 2,908 | 1,671 |
| Washington | - | - | - | - | - | 2 | 9 | 12 | 23 | 14 | 1,188 | 223 |
| Oregon | - | - | - | - | - | - | 18 | 9 | 29 | 31 | 600 | 117 |
| California | - | 2 | 2 | 4 | 4 | 13 | 57 | 72 | 130 | 114 | 1,101 | 1,328 |
| Alaska | - | - | - | 5 | - | - | - | - | 7 | 3 | 6 | 1 |
| Hawaii | - | - | - | - | - | - | - | 1 | 1 | 1 | 13 | 2 |
| Puerto Rico | - | - | 1 | 8 | - | - | 27 | 5 | 32 | 31 | 139 | 16 |

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

MARCH 18, 1961 AND MARCH 17, 1962 - (Continued)

| Area | Meningococcal Infections | | Streptococcal Sore Throat & Scarlet Fever | | Tetanus | Tickborne Typhus (Rcky Mt. Spotted) | Tularemia | Typhoid Fever | | Rabies in Animals | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 11th wk. | Cumulative 11 weeks | 11th week | | 11th wk. | 11th wk. | 11th wk. | 11th wk. | Cumulative 11 weeks | 11th week | | Cumulative 11 weeks |
| | 1962 | 1962 | 1962 | 1961 | 1962 | 1962 | 1962 | 1962 | 1962 | 1962 | 1961 | 1962 |
| UNITED STATES.... | 51 | 562 | 9,665 | 10,025 | 2 | - | 4 | 11 | 91 | 130 | 65 | 798 |
| NEW ENGLAND..... | 2 | 35 | 657 | 761 | - | - | - | - | 2 | - | - | - |
| Maine..... | - | 6 | 42 | 9 | - | - | - | - | 1 | - | - | - |
| New Hampshire..... | - | 1 | - | 25 | - | - | - | - | - | - | - | - |
| Vermont..... | - | - | 38 | 21 | - | - | - | - | - | - | - | - |
| Massachusetts..... | - | 14 | 120 | 248 | - | - | - | - | 1 | - | - | - |
| Rhode Island..... | - | 4 | 23 | 89 | - | - | - | - | - | - | - | - |
| Connecticut..... | 2 | 10 | 434 | 369 | - | - | - | - | - | - | - | - |
| MIDDLE ATLANTIC..... | 9 | 88 | 627 | 1,251 | - | - | - | 1 | 12 | - | - | 19 |
| New York..... | 4 | 41 | 382 | 718 | - | - | - | 1 | 6 | - | - | 10 |
| New Jersey..... | 5 | 19 | 106 | 259 | - | - | - | - | 4 | - | - | - |
| Pennsylvania..... | - | 28 | 139 | 274 | - | - | - | - | 2 | - | - | 9 |
| EAST NORTH CENTRAL.. | 12 | 117 | 998 | 1,267 | - | - | - | - | 12 | 35 | 5 | 116 |
| Ohio..... | 3 | 37 | 99 | 350 | - | - | - | - | 4 | 23 | 2 | 38 |
| Indiana..... | 3 | 12 | 181 | 181 | - | - | - | - | - | 9 | - | 52 |
| Illinois..... | 2 | 19 | 199 | 215 | - | - | - | - | 3 | 2 | 2 | 15 |
| Michigan..... | 4 | 43 | 277 | 273 | - | - | - | - | 3 | 1 | 1 | 6 |
| Wisconsin..... | - | 6 | 242 | 248 | - | - | - | - | 2 | - | - | 5 |
| WEST NORTH CENTRAL.. | 3 | 28 | 337 | 321 | - | - | 1 | 1 | 4 | 28 | 12 | 255 |
| Minnesota..... | 1 | 3 | 20 | 23 | - | - | - | - | - | 6 | - | 43 |
| Iowa..... | - | 5 | 116 | 58 | - | - | - | - | - | 11 | 7 | 116 |
| Missouri..... | - | 9 | 18 | 20 | - | - | - | 1 | 3 | 5 | 5 | 40 |
| North Dakota..... | - | 1 | 45 | 99 | - | - | - | - | - | 1 | - | 20 |
| South Dakota..... | - | 1 | - | 7 | - | - | - | - | - | 4 | - | 32 |
| Nebraska..... | - | 3 | 1 | 1 | - | - | - | - | 1 | - | - | 3 |
| Kansas..... | 2 | 6 | 137 | 113 | - | - | 1 | - | - | 1 | - | 1 |
| SOUTH ATLANTIC..... | 9 | 90 | 663 | 797 | 1 | - | - | 3 | 14 | 8 | 9 | 63 |
| Delaware..... | 2 | 10 | 4 | 10 | - | - | - | - | - | - | - | - |
| Maryland..... | - | 4 | 46 | 59 | - | - | - | - | 2 | - | - | 1 |
| Dist. of Columbia.. | - | 5 | 3 | 4 | - | - | - | - | 1 | - | - | - |
| Virginia..... | 2 | 21 | 226 | 242 | 1 | - | - | 1 | 3 | 2 | 5 | 32 |
| West Virginia..... | 1 | 6 | 142 | 247 | - | - | - | 1 | 1 | 4 | 3 | 17 |
| North Carolina..... | 3 | 22 | 60 | 65 | - | - | - | - | - | - | - | - |
| South Carolina..... | - | 4 | 32 | 21 | - | - | - | - | 1 | - | - | - |
| Georgia..... | - | 6 | - | 6 | - | - | - | 1 | 3 | - | 1 | 1 |
| Florida..... | 1 | 12 | 150 | 143 | - | - | - | - | 3 | 2 | - | 12 |
| EAST SOUTH CENTRAL.. | 3 | 40 | 1,641 | 1,464 | 1 | - | 1 | 2 | 7 | 25 | 8 | 121 |
| Kentucky..... | 1 | 10 | 256 | 306 | - | - | - | - | 2 | 5 | 3 | 33 |
| Tennessee..... | 1 | 19 | 1,285 | 1,138 | - | - | - | - | 2 | 19 | 5 | 84 |
| Alabama..... | 1 | 6 | - | 6 | - | - | - | 2 | 3 | 1 | - | 4 |
| Mississippi..... | - | 5 | 100 | 14 | 1 | - | 1 | - | - | - | - | - |
| WEST SOUTH CENTRAL.. | 2 | 53 | 1,117 | 1,126 | - | - | 1 | 1 | 27 | 29 | 15 | 169 |
| Arkansas..... | - | 6 | 2 | 8 | - | - | - | - | 2 | 1 | 6 | 27 |
| Louisiana..... | 1 | 22 | 4 | 11 | - | - | 1 | 1 | 9 | - | 3 | 6 |
| Oklahoma..... | - | 4 | 23 | 36 | - | - | - | - | 3 | 2 | - | 7 |
| Texas..... | 1 | 21 | 1,088 | 1,071 | - | - | - | - | 13 | 26 | 6 | 129 |
| MOUNTAIN..... | 1 | 19 | 1,614 | 2,046 | - | - | 1 | - | 5 | - | 3 | 8 |
| Montana..... | 1 | 2 | 51 | 105 | - | - | - | - | 1 | - | - | - |
| Idaho..... | - | 3 | 148 | 141 | - | - | - | - | - | - | - | - |
| Wyoming..... | - | 2 | 101 | 121 | - | - | - | - | 1 | - | - | - |
| Colorado..... | - | 3 | 674 | 579 | - | - | - | - | - | - | 2 | - |
| New Mexico..... | - | - | 339 | 654 | - | - | - | - | 2 | - | - | 5 |
| Arizona..... | - | 6 | 176 | 246 | - | - | - | - | 1 | - | 1 | 3 |
| Utah..... | - | - | 123 | 198 | - | - | 1 | - | - | - | - | - |
| Nevada..... | - | 3 | 2 | 2 | - | - | - | - | - | - | - | - |
| PACIFIC..... | 10 | 92 | 2,011 | 992 | - | - | - | 3 | 8 | 5 | 13 | 47 |
| Washington..... | - | 7 | 853 | 374 | - | - | - | - | - | - | - | - |
| Oregon..... | 1 | 11 | 38 | 102 | - | - | - | - | - | - | 1 | - |
| California..... | 9 | 70 | 1,101 | 472 | - | - | - | 1 | 6 | 5 | 8 | 47 |
| Alaska..... | - | 4 | 5 | 35 | - | - | - | 2 | 2 | - | 4 | - |
| Hawaii..... | - | - | 14 | 9 | - | - | - | - | - | - | - | - |
| Puerto Rico..... | - | 4 | 4 | 7 | 1 | - | - | - | - | 2 | 2 | 5 |

## Table 4 (C). TOTAL DEATHS UNDER 1 YEAR OF AGE IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.°

| Area | For weeks ending | | | |
|---|---|---|---|---|
| | 2/24 | 3/3 | 3/10 | 3/17 |
| NEW ENGLAND: | | | | |
| Boston, Mass. | 14 | 15 | 11 | 16 |
| Bridgeport, Conn. | 2 | 0 | 3 | 3 |
| Cambridge, Mass. | 0 | 1 | 0 | 0 |
| Fall River, Mass. | 1 | 4 | 0 | 1 |
| Hartford, Conn. | 4 | 3 | 12 | 5 |
| Lowell, Mass. | 0 | 2 | 2 | 2 |
| Lynn, Mass. | 1 | 0 | 0 | 0 |
| New Bedford, Mass. | 2 | 3 | 1 | 0 |
| New Haven, Conn. | 0 | 0 | 2 | 3 |
| Providence, R.I. | 4 | 5 | 7 | 6 |
| Somerville, Mass. | 1 | 1 | 2 | 0 |
| Springfield, Mass. | 2 | 1 | 2 | 2 |
| Waterbury, Conn. | 1 | 3 | 2 | 1 |
| Worcester, Mass. | 2 | 3 | 2 | 1 |
| MIDDLE ATLANTIC: | | | | |
| Albany, N.Y. | 5 | 7 | 3 | 1 |
| Allentown, Pa. | 2 | 2 | 2 | 4 |
| Buffalo, N.Y. | 11 | 8 | 11 | 12 |
| Camden, N.J. | 0 | 5 | 4 | 5 |
| Elizabeth, N.J. | 1 | 1 | 1 | 3 |
| Erie, Pa. | 3 | 2 | 4 | 1 |
| Jersey City, N.J. | 7 | 4 | 4 | 4 |
| Newark, N.J. | 7 | 7 | 12 | 5 |
| New York City, N.Y. | 100 | 84 | 76 | 96 |
| Paterson, N.J. | 5 | 3 | 2 | 1 |
| Philadelphia, Pa. | 20 | 41 | 69 | 17 |
| Pittsburgh, Pa. | 3 | 4 | 26 | 2 |
| Reading, Pa. | 2 | 3 | 0 | 0 |
| Rochester, N.Y. | 8 | 7 | 6 | 5 |
| Schenectady, N.Y. | 0 | 0 | 2 | 2 |
| Scranton, Pa. | 0 | 1 | 1 | 1 |
| Syracuse, N.Y. | 1 | 4 | 4 | 8 |
| Trenton, N.J. | 3 | 3 | 3 | 1 |
| Utica, N.Y. | 0 | 0 | 1 | 3 |
| Yonkers, N.Y. | 1 | 1 | 1 | 2 |
| EAST NORTH CENTRAL: | | | | |
| Akron, Ohio. | 8 | 3 | 2 | 8 |
| Canton, Ohio. | 0 | 3 | 2 | 3 |
| Chicago, Ill. | 36 | 49 | 49 | 39 |
| Cincinnati, Ohio. | 5 | 8 | 8 | 3 |
| Cleveland, Ohio. | 13 | 15 | 23 | 21 |
| Columbus, Ohio. | 6 | 2 | 3 | 10 |
| Dayton, Ohio. | 2 | 8 | 9 | 4 |
| Detroit, Mich. | 20 | 26 | 23 | 32 |
| Evansville, Ind. | 2 | 1 | 1 | 0 |
| Flint, Mich. | 7 | 3 | 3 | 5 |
| Fort Wayne, Ind. | 5 | 1 | 5 | 2 |
| Gary, Ind. | 0 | 4 | 1 | 1 |
| Grand Rapids, Mich. | 1 | 5 | 2 | 7 |
| Indianapolis, Ind. | 10 | 12 | 5 | 12 |
| Madison, Wis. | 2 | 8 | 3 | 4 |
| Milwaukee, Wis. | 6 | 13 | 9 | 8 |
| Peoria, Ill. | 6 | 3 | 1 | 0 |
| Rockford, Ill. | 2 | 2 | 3 | 3 |
| South Bend, Ind. | 0 | 3 | 4 | 2 |
| Toledo, Ohio. | 3 | 5 | 6 | 3 |
| Youngstown, Ohio. | 5 | 4 | 4 | 3 |
| WEST NORTH CENTRAL: | | | | |
| Des Moines, Iowa. | 0 | 7 | 0 | 4 |
| Duluth, Minn. | 3 | 2 | 1 | 3 |
| Kansas City, Kans. | 5 | 1 | 3 | 7 |
| Kansas City, Mo. | 10 | 6 | 6 | 11 |
| Lincoln, Nebr. | 2 | 4 | 0 | 2 |
| Minneapolis, Minn. | 10 | 13 | 4 | 5 |
| Omaha, Nebr. | 4 | 7 | 4 | 5 |
| St. Louis, Mo. | 12 | 21 | 9 | 22 |
| St. Paul, Minn. | 9 | 3 | 4 | 7 |
| Wichita, Kans. | 3 | 2 | 4 | 0 |
| SOUTH ATLANTIC: | | | | |
| Atlanta, Ga. | 21 | 9 | 14 | 16 |
| Baltimore, Md. | 18 | 21 | 26 | 17 |
| Charlotte, N.C. | 4 | 8 | 7 | 1 |
| Jacksonville, Fla. | 6 | 10 | 5 | 4 |
| Miami, Fla. | 3 | 1 | 2 | 8 |
| Norfolk, Va. | 5 | 7 | 6 | 7 |
| Richmond, Va. | 3 | 1 | 10 | 2 |
| Savannah, Ga. | 2 | 2 | 3 | 3* |
| St. Petersburg, Fla. | 0 | 2 | 1 | 2 |
| Tampa, Fla. | 8 | 3 | 6 | 3 |
| Washington, D.C. | 8 | 31 | 8 | 13 |
| Wilmington, Del. | 3 | 4 | 0 | 1 |
| EAST SOUTH CENTRAL: | | | | |
| Birmingham, Ala. | 6 | 4 | 9 | 9 |
| Chattanooga, Tenn. | 3 | 8 | 5 | 2 |
| Knoxville, Tenn. | 1 | 5 | 3 | 4 |
| Louisville, Ky. | 8 | 8 | 20 | 10 |
| Memphis, Tenn. | 10 | 11 | 15 | 18 |
| Mobile, Ala. | 2 | 6 | 2 | 4 |
| Montgomery, Ala. | 3 | 3 | 2 | 3 |
| Nashville, Tenn. | 8 | 5 | 10 | 12 |
| WEST SOUTH CENTRAL: | | | | |
| Austin, Tex. | 1 | 0 | 3 | 1 |
| Baton Rouge, La. | 2 | 8 | 5 | 5 |
| Corpus Christi, Tex. | 4 | 2 | 5 | 2 |
| Dallas, Tex. | 11 | 11 | 4 | 6 |
| El Paso, Tex. | 7 | 14 | 4 | 5 |
| Fort Worth, Tex. | 3 | 4 | 5 | 8 |
| Houston, Tex. | 12 | 12 | 15 | 15 |
| Little Rock, Ark. | 3 | 7 | 2 | 3 |
| New Orleans, La. | 16 | 14 | 15 | 11 |
| Oklahoma City, Okla. | 4 | 6 | 0 | 7 |
| San Antonio, Tex. | 7 | 6 | 11 | 9 |
| Shreveport, La. | 7 | 8 | 4 | 7 |
| Tulsa, Okla. | 5 | 5 | 3 | 3 |
| MOUNTAIN: | | | | |
| Albuquerque, N. Mex. | 4 | 1 | 2 | 3 |
| Colorado Springs, Colo. | 2 | 0 | 2 | 3 |
| Denver, Colo. | 14 | 10 | 4 | 22 |
| Ogden, Utah. | 2 | 1 | 1 | 2 |
| Phoenix, Ariz. | 5 | 10 | 5 | 5 |
| Pueblo, Colo. | 6 | 1 | 2 | 1 |
| Salt Lake City, Utah. | 3 | 6 | 2 | 6 |
| Tucson, Ariz. | 0 | 1 | 3 | 4 |
| PACIFIC: | | | | |
| Berkeley, Calif. | 0 | 2 | 2 | 0 |
| Fresno, Calif. | 4 | 1 | 6 | 6 |
| Glendale, Calif. | 0 | 0 | 0 | 0 |
| Honolulu, Hawaii. | 1 | 6 | 7 | 7 |
| Long Beach, Calif. | 2 | 6 | 1 | 3* |
| Los Angeles, Calif. | 22 | 39 | 36 | 26 |
| Oakland, Calif. | 4 | 3 | 8 | 5 |
| Pasadena, Calif. | 1 | 1 | 2 | 1 |
| Portland, Oreg. | 5 | 4 | 8 | 8 |
| Sacramento, Calif. | 4 | 3 | 7 | 4 |
| San Diego, Calif. | 5 | 9 | 7 | 9 |
| San Francisco, Calif. | 4 | 21 | 7 | 8 |
| San Jose, Calif. | 4 | 3 | 4 | 2 |
| Seattle, Wash. | 6 | 6 | 13 | 8 |
| Spokane, Wash. | 5 | 3 | 2 | 3 |
| Tacoma, Wash. | 2 | 3 | 4 | 3 |
| San Juan, P.R. | 4 | 4 | 4 | 6 |

*Estimate - based on average percent of divisional total.
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

°Current Week Mortality for 108 Selected Cities

| | |
|---|---|
| 4(A) Total Mortality, all ages | 12,431 |
| 4(B) Pneumonia-Influenza Deaths, all ages | 628 |
| 4(C) Total Deaths under 1 Year of Age | 770 |
| 4(D) Total Deaths, Persons 65 years and over | 7,144 |

UNIVERSITY OF FLORIDA
3 1262 08863 9843



UNIV. OF FL LIB.
DOCUMENTS DEPT.
U.S. DEPOSITORY

In February of 1961, during an intensive investigation, all contacts of the known cases were re-cultured, and a culture survey was done on patrons of the bars. A positive culture for toxigenic *C. diphtheriae* was obtained from an asymptomatic 47-year-old native woman, a frequent patron of Bar C, who had been immunized at age 11. Five days later, during the last week of February, a positive culture was obtained from another woman, who had been under treatment for a non-specific pharyngitis, and who also frequented Bar C. Contacts of these two patients have all been cultured with negative results.

Since January 1, adult immunization clinics have been held, with approximately one-fourth of the adult population having been immunized to date. Culture surveys of these groups have not revealed any additional cases or carriers.

(Reported by Dr. E. O. Wicks, State Health Director, Alaska Department of Health and Welfare; Dr. A. N. Wilson, City Health Officer, Ketchikan, Alaska; and an EIS Officer from the Communicable Disease Center.)

## INTERNATIONAL NOTES – QUARANTINE MEASURES

### Epidemic Smallpox – Western Europe

During the past three months, there were seven importations of smallpox into cities of Great Britain and Germany. The infected travelers came from Liberia, Pakistan, or India. These three areas are foci of smallpox endemicity, and all three experienced sharp upswings in reported incidence of the disease in late 1961. Secondary and tertiary spread has occurred with a total of 63 cases and 12 deaths thus far. Below are listed details of each importation:

| Place of Occurrence | IMPORTED CASE: Place of Exposure | IMPORTED CASE: Date of Arrival | IMPORTED CASE: Date of Onset of Symptoms | Secondary Cases* | Tertiary Cases* | Deaths |
|---|---|---|---|---|---|---|
| Germany, Dusseldorf | Liberia | 12-2-61 | 12-13-61 | 3 | 1 | 2 |
| Switzerland, Schaffhausen | | | | 1 | | |
| England, Bradford | Pakistan | 12-16-61 | 12-23-61 | 10 | 4 | 6 |
| England, Birmingham | Pakistan | 12-19-61 | 12-18-61 | 1 | 0 | 0 |
| England, London | Pakistan | 12-25-61 | 12-25-61 | 2 | 0 | 1 |
| England, Birmingham | Pakistan | 1-4-62 | 1-13-62 | 0 | 0 | 0 |
| Wales, Cardiff | Pakistan | 1-11-62 | 1-13-62 | | | |
| Glamarganshire, Llantrissant Rural District | | | | 1 | | |
| Rhandda Urban District | | | | 1 | 6 | 2 |
| Germany, Manshau | | | | | | |
| Kries | India | 1-23-62 | 2-8-62 | 9 | 16 | 1 |
| Aachen | | | | | 1 | |

* Provisional categorization of secondary and tertiary cases on basis of available information.

### Sweden – Karlstrona

The suspected case of smallpox reported March 16, 1962, has been removed from the suspect category and is not smallpox.

U. S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
PUBLIC HEALTH SERVICE
Communicable Disease Center
Atlanta 22, Georgia
Official Business

POSTAGE AND FEES PAID
U. S. DEPARTMENT OF H. E. W.

AIR MAIL